HEALTH PATHWAYS

Newsletter of the Health Professions Career Opportunity Program

October 2000 Volume 23, No. 13

In this issue... Postbac Summer Enrichment HCTP

California Programs

California State University, Dominguez Hills

Postbaccalaureate Program

Description: For students who need to complete premedical undergraduate science courses in preparation for application to professional schools.

Eligibility: Students with a BS/BA and above a 2.5 GPA.

Duration: One to three years. **Deadline:** June 1 for fall admission **Contact:** (310) 243-3388,

(310) 243-3376

e-mail: Jlyle@DHVX20.csudh.edu

James Lyle

Department of Chemistry CSU, Dominguez Hills Carson, CA 90747

2001 Postbaccalaureate and Summer Enrichment Programs: Look at the many opportunities for you!

Are you currently enrolled in or looking for a program to help prepare you for a career in health services? Do you struggle with economic or educational barriers? Are you looking for a way to supplement your education in hopes of increasing your chances of getting accepted to graduate school? Or did you drop out of school and still desire a health services degree? Well, Health Pathways has worked with numerous Universities and colleges to compile the new Postbaccalaureate/ Summer Enrichment issue, which contains special programs from all over the country just for you.

Postbaccalaureate Programs...

Postbaccalaureate programs, offered at various colleges and universities, provide students the opportunity to increase their chances for entry into medical, dental, or other health professional schools. Programs usually consist of intensive introductory courses in math and the basic sciences to improve student knowledge in those areas and to prepare the student for graduate work.

One- to two-years long, many programs are tailored to the needs of each student. Some are geared toward assisting non-science majors or assisting other students in completing courses required for admission to a health professional school. Others stress Medical College Admission Test (MCAT) preparation. Program descriptions, as listed below, are received from the sponsoring schools. For more information about eligibility requirements and costs, contact the school directly.

California State University, Fullerton

Health Professions Postbaccalaureate Advising

Description: Offers premedical and prehealth professions prerequisites plus additional science courses. Research experience available on campus; mock interviews; evaluation of MCAT or DAT scores. No degree or certificate given, and no alliance with any specific medical school. Evaluation process conducted.

Eligibility: Enrolled at CSUF.

Duration: Contingent upon courses needed. No formal program.

Deadline: Rolling admissions

Contact: (714) 278-3980

David B. Drath, PhD

CSU, Fullerton

c/o Health Professions Office LH203

c/o Health Professions Office LH20: 800 N. State College Blvd. Fullerton, CA 92834

California State University, Hayward

Postbaccalaureate Program

Description: A postbaccalaureate program for students interested in the health professions. Program contents and duration dependent on student's background and needs.

Eligibility: Open to all students. **Duration:** 1 ½-2 years.

Deadline: None, apply within the

University.

Contact: (510) 885-2741 Dr. Julia Dragolovich CSU, Hayward

Department of Biological Sciences

Hayward, CA 94542

Loyola Marymount University

Postbaccalaureate Program

Description: Open to students who lack basic prerequisites to premedical requirements. Most undergraduate courses are offered in the daytime only, on a space-available basis. Students have to apply through admissions as a non-degree student and may take a maximum of 18 semester hours. It is not an organized program.

Eligibility: Students with a bachelor's degree and a minimum 3.4 GPA.

Duration: Regular semester. **Deadline:** Apply within University **Contact:** (310) 338-5954

Dr. Anthony P. Smulders, Director Health Professions Information

Program

Loyola Marymount University 7900 Loyola Blvd.

Los Angeles, CA 90045-8220

Mills College

Postbaccalaureate Premedical Program

Description: General biology, general chemistry, calculus, organic chemistry, and physics. Other courses optional. Federal loans (Stafford and SLS) and a limited number of assistantships awarded to second year students. Oncampus excellent success rate, individual attention from faculty. Eligibility: Non-science baccalaureate degree from an accredited college or

degree from an accredited college or university. Generally, applicants have at least a 3.2 GPA overall. Students may not retake any previously taken science courses. Three letters of recommendation, essay, official transcripts confirming baccalaureate degree, and official GRE general test,

SAT, or ACT scores required. **Duration:** One to two years. **Deadline:** February 1, 2001 **Contact:** (510) 430-3309 fax: (510) 430-2159

e-mail: Grad-studies@mills.edu Office of Graduate Studies

Mills College

500 Mac Arthur Blvd. Oakland, CA 94613

San Jose State University

Biological Sciences

Description: Actively encourages students who are changing career directions to enroll as undergraduates — second bachelor's degree, via standard university admissions procedures. Special advising is

provided, including intense personalized assistance in satisfying premedical requirements. Fees are approximately \$1,000 per semester. **Eligibility:** Contact the school.

Duration: Those with technical backgrounds (e.g. engineers) prepare for the MCAT in one year, while those without college chemistry take two years to prepare for the MCAT.

Deadline: Inquire within the

University.

Contact: (408) 924-2429

website: www.sjsu.edu/depts/Biology

Dr. Sally Veregge

San Jose State University Biological Sciences

San Jose, CA 95192-0100

Scripps College

Postbaccalaureate Premedical Program

Description: Program provides individuals with the opportunity to pursue a career in health care by offering an intensive curriculum of premedical courses. The small program admits 10-14 students per year and currently has an acceptance rate to medical and veterinary school of 91%. Also has two medical school linkage programs (Temple University in Philadelphia, Pennsylvania, and Western University of Health Sciences, College of Osteopathic Medicine in Pomona, California) which allows students early admission to these medical schools. The early decision programs are limited and are only made available to students with superior qualifications.

Eligibility: Available to both women and men who have a bachelor's degree in a non-science area with a 3.0 GPA or above; applicants must have taken either an SAT, ACT, or a GRE exam and official scores are required for each applicant. Should possess a strong motivation toward a career in health care as evidenced by volunteer or paid work experience in a health care or social service setting.

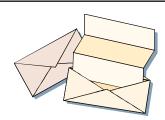
Duration: 12-15 months. Deadline: March 1, 2001 Contact: (909) 621-8764 fax: (909) 621-8558 e-mail: Jolson@Scripps.edu

Scripps College

Postbaccalaureate Premedical Program

Ms. Jodi Olson

Administrative Director W.M. Keck Science Center 925 N. Mills Avenue Claremont, CA 91711



Do you have a story or suggestion for *Health Pathways*? We welcome your contributions. Mail us your ideas, letters, or articles today! Announcements of scheduled events need to be sent to us at least six months in advance to appear in the newsletter. Be sure to include your name and address on all correspondence. The Health Professions Career Opportunity Program retains the right to edit all materials. Contact us at:

HPCOP 1600 Ninth Street, Rm. 441 Sacramento, CA 95814 (916) 654-1730 fax: (916) 654-3138

e-mail: kmunster@oshpd.state.ca.us

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Guest Articles

Views of contributing writers do not necessarily reflect the policy of the department, agency, or administration. Letters to the editor are encouraged. Although we do not pay for guest articles, manuscripts are welcome. We reserve the right to edit all material.

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- Vernon Oakes, Program Secretary
- Andrea Alvarez, Editor

Stanford School of Medicine

Postbaccalaureate Program

Description: Stanford HCOP is an innovative six week program that encourages and provides an academic learning environment for talented minority and disadvantaged college sophomores seeking a career in medicine and medical research. The program offers both research and clinical experience, in addition to MCAT review, mentoring by Stanford medical students, and workshops in medical school admissions. Weekend cultural activities are available.

Duration: June 18-July 28, 2001.

Deadline: March 31, 2000

Contact: (650) 498-4003

fax: (650) 725-5538

Kathryn Fitzgerald
Associate Director, HCOP

Stanford
851 Welch Road

Palo Alto, CA 94304

Sonoma State University

Postbaccalaureate Health Professions Advising Program

Description: Provides the required science courses necessary for admission to doctoral level health professions schools. In addition, the Health Professions Advisory Committee advises students, conducts mock interviews, and prepares a committee letter of evaluation.

Eligibility: Must have a BA/BS degree.

Duration: 2 years.

Deadline: Fall semester November 1-January 31; Spring semester August 1-October 31.

Apply as a second BA undergraduate in chemistry.

Contact: (707) 664-2334 or

(707) 664-2331

e-mail: Vin.Hoagland@sonoma.edu

Dr. Vincent Hoagland, Chair Health Professions Advisory Committee

Department of Chemistry Sonoma State University

1801 E. Cotati Avenue

Rohnert Park, CA 94928

University of California, Davis

Postbaccalaureate Re-applicant Program

Description: Stresses fundamental studying/testing skills during summer component; followed by three-quarters of rigorous upper-division science

courses individually selected for postbaccalaureate students. All living and academic costs are covered during summer component; it is the student's responsibility to make arrangements for financial aid for the academic school vear through the Undergraduate Financial Aid Office at UC Davis. Eligibility: Be considered a socioeconomically disadvantaged student and/or show evidence of returning to medically underserved community; completion of an undergraduate degree (or higher) from an accredited American college or university; must be a legal resident of California; prior rejection (via AMCAS application) from an AAMC affiliated medical school; prefer minimum MCAT average of 6.0. Some requirements may be waived depending on individual circumstance.

Duration: Entering summer (nine weeks) plus three academic quarters – total of one year.

Deadline: April 30, 2001 (Inquire for applications in November 2000)

Contact: (530) 752-8119

Director

Postbaccalaureate Program Office of Medical Education UC, Davis School of Medicine Davis, CA 95616

University of California, Irvine

Postbaccalaureate Program

Description: Phase I: an intensive MCAT review course. Phase II: enrollment in full-time upper division science courses to enhance GPA.

Eligibility: Designed for socioeconomic or financially disadvantaged students who are reapplying to medical school. Possess a BA/BS degree and have fulfilled all premedical requirements.

Duration: One year.
Deadline: April 15, 2001
Contact: (949) 824-8930 or

1-800-824-5388

Eileen Munoz, Program Coordinator

UC, Irvine

Admissions & Outreach

PO Box 4089

Irvine, CA 92697-4089

University of California, Los Angeles School of Medicine Re-applicant Program (UCLA RAP)

Description: A comprehensive, structured postbaccalaureate program to assist students from disadvantaged backgrounds who have been unsuccessful in gaining admission to any U.S. medical school. An intensive eight-week summer session, focuses on MCAT preparation. Distinguished guest lecturers provide seminars and workshops covering academic skills; extensive reviews of biology, chemistry and physics; self-development; time management; financial planning; medical school re-application, and interviewing skills. An individualized academic-year program that consists of a science curriculum follows. Participants, in close consult with program advisors, select courses through UCLA Extension or a local California State University.

Eligibility: Students must have applied to a University of California medical school and have been previously unsuccessful in gaining admission to any United States medical school, be considered disadvantaged or from an underserved community, have completed an undergraduate degree or higher from an accredited United States college or university, be a U.S. citizen or permanent resident, have a minimum GPA of 2.7 or higher, and have a minimum combined MCAT score of 15. A two- to three-page statement of intent addressing your present academic situation, the nature of your disadvantaged or underserved status, your expectations, your assessment on why you did not gain medical school admission, areas you would like to improve, and your future career aspirations. Although not required, preference will be granted to legal residents of California.

Duration: Eleven months—Two sessions. Session #1: June 25-Aug. 18, 2002. Session #2: during the 2002-2003 academic year.

Deadline: Rolling basis. Will be reviewed through June 30, 2001.

Contact: (310) 825-3575 www.medstudent.ucla.edu/osss Elizabeth Guerrero, MPH Director, UCLA RAP Office of Student Support Services 13-154 CHS Box 956990

UCLA School of Medicine Los Angeles, CA 90095-6990

University of California, San Diego School of Medicine

Re-applicant Summer Course (RSC)
Phase I Postbaccalaureate program
Description: Students also participate in fall component, enrolling in UCSD science courses. Extensive mock interviews videotaped with UCSD School of Medicine Admissions
Committee members, intensive MCAT preparation, counseling, reapplicant strategies, and learning skills specialists. Special health-issues workshops. Stripend and housing for eight weeks.

Eligibility (for RSC and Postbac):

Educationally/economically disadvantaged student; California resident and U.S. citizen or permanent resident. Bachelor's degree; already applied to medical school and received interview; taken MCAT; completed one year chemistry, organic chemistry, physics, biology, and math; minimum 2.7 science GPA; and proven commitment to serve health care needs of underserved communities.

Duration: Eight weeks. **Deadline:** June 1, 2001

Phase II Postbaccalaureate Program **Description:** Extension of Reapplicant Summer Course, enrollment at UCSD for academic year is Phase II of the Postbaccalaureate Program. Undergraduate science courses (primarily upperdivision) to strengthen science profile. Course tutoring, and reading and writing skills specialists available. Clinical skills. Opportunity to participate in research projects and volunteer clinics. Special workshops and counseling. Participants must secure own housing. The student will be required to reside in San Diego for program duration.

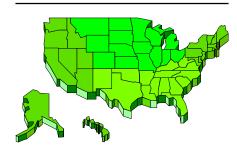
Duration: Nine months. **Contact:** (858) 534-4170 Saundra Kirk, MS, Director HCOP Student Outreach UCSD, School of Medicine Date Building, Room 105 9500 Gillman Dr. #0655 La Jolla, CA 92093-0655

University of California, San Francisco School of Medicine Postbaccalaureate Re-applicant Program **Description:** Designed to help individuals increase their chances of gaining admission to medical school by offering intensive MCAT review, assistance with medical school application, science courses, seminars on health care issues in underserved communities, and individual counseling. Workshop to enhance skills in critical thinking, verbal reasoning, time management, and stress management techniques. A modest stipend will be offered to each participant, in the summer, to assist with meals and incidental expenses. Eligibility: Have a 2.93 GPA or higher, minimum combined MCAT score of 15 (minimum of 5 on each section); be a legal resident of California; have completed an undergraduate degree or higher from an accredited U.S. university or college; have been previously unsuccessful in gaining admission to medical school in the U.S.: and be considered disadvantaged. **Duration:** 11 months.

Duration: 11 months.
Contact: (415) 476-5348
Postbaccalaureate Re-applicant
Program
UCSF School of Medicine
Office of Extramural Academic

Programs

1855 Folsom St., Box 0409 San Francisco, CA 94143-0409



Out of State Programs

Armstrong Atlantic State College

Postbaccalaureate Program
Description: Allows students many options to meet their needs and interests. Students may take undergraduate courses to complete premedical requirements, review course materials as preparation for the Medical College Admission Test (MCAT), complete a second undergraduate degree, or for general interest. Students may engage in medical internships and/

or do volunteer work to gain experience in medical fields. One option will allow qualified students to take graduate courses with the possibility of working toward a master's degree in Public Health or Health Care Administration. Standard Financial aid is available.

Eligibility: Students who lack prerequisites basic to medicine.

Duration: Depends on the needs and

interests of the individual student. **Deadline:** Students may apply at any time consistent with the university

time consistent with the university application procedures and start at the beginning of any semester.

Contact: (912) 927-5279 or

(912) 927-5293 Henry E. Harris Armstrong Atlantic State College College of Arts and Sciences Savannah, GA 31419-1997

Assumption College

Postbaccalaureate Certificate Program

Description: Postbaccalaureate certificate undergraduate course preparation for professional schools in health fields.

Eligibility: Students who have not majored in one of the natural sciences.

Contact: (508) 767-7293 Allan Barnitt Assumption College Division of Natural Sciences Worcester, MA 01615-0005

Avila College

Postbaccalaureate Premedical Program

Description: Designed to prepare students with a minimal science background to apply to medical school. **Eligibility:** Bachelor's degree and a

minimum 3.0 GPA. **Duration:** Two years or less.

Duration: Two years or less. **Deadline:** May 26, 2001

Contact: (816) 942-8400, ext. 2255 e-mail: sullivancl@mail.avila.edu Dr. C. Larry Sullivan, Chairperson Avila College

Department of Natural and Allied Health Sciences and Mathematics

11901 Wornall Road Kansas City, MO 64145

Bryn Mawr

Postbaccalaureate Premedical Program

Description: Full-time work, undergraduate sciences. Provisional early school admissions option for well-prepared students. Limited scholarships. Strong advising; excellent medical school acceptance rates.

Eligibility: Career change; bachelor's degree; neither previously applied to medical school nor taken premed courses, minimum 3.0 GPA.

Duration: One academic year, one to two summers.

Deadline: Rolling admissions; final deadline; June 1 of application year. **Contact:** (610) 526-7350

e-mail: www.brynmawr.edu/admins/postbac

Jodi Bergman Domsky, Asst. Dean Health Professions Advising Office Bryn Mawr College 101 North Merion Ave. Bryn Mawr, PA 19010

Columbia University

Postbaccalaureate Premedical Program

Description: Program seeks to attract students who did not prepare for medical school as undergraduates or for careers in veterinary medicine, dentistry, physical therapy, osteopathic medicine, and physician assisting. Financial aid is available from student loans and private bankers; some money provided by the university. An active student premedical association sponsors support programs and social activities. Admission linkage agreements with seven medical schools: Brown, SUNY/ Stony Brook, Trinity/Dublin, Brooklyn, MCP/Hahnemann, Temple, and Jefferson.

Eligibility: Bachelor's degree, minimum 3.0 GPA, and a record of academic accomplishment.

Duration: Two years full-time or flexible part-time start.

Deadline: Rolling admissions Contact: (212) 854-2772 e-mail: gs-admit@columbia.edu website: www.columbia.edu/cu/gs/ postbac

Thea L. Volpe, PhD, Director Postbaccalaureate Premedical Program Columbia University 2970 Broadway, MC 4101 New York, NY 10027

Duquesne University

Postbaccalaureate Premedical Program

Description: Designed for both students with a non-science background (career changers) and those with a science background (enhancement

program). The curriculum is individually designed based upon the student's academic background. Linkage agreements exist with Temple University School of Medicine, and the Lake Erie College of Osteopathic Medicine. The linkage agreements allow

students to matriculate into medical school a year earlier than normal by omitting the "glide year."

Eligibility: Minimum 3.0 GPA; 1100 SAT score, or 26 ACT score; two faculty letters of recommendation; personal statement; and interview at Duquesne University.

Duration: One to two years, based on student's academic history and performance within the program.

Deadline: October 15, 2000 for Spring admission; May 30, 2001 for Fall.

Contact: (412) 396-6335 fax: (412) 396-5587 Kenneth Boyd, PhD, Director e-mail: boyd@duq2.cc.duq.edu Laura Mangano, Assistant Director e-mail: mangano@duq2.cc.duq.edu Duquesne University Postbaccalaureate Premedical Program

B101 Bayer Learning Center Pittsburgh, PA 15282-0300

Goucher College Postbaccalaureate Premedical

Program

Description: Full-time, one-year program in undergraduate premedical sciences. Curriculum includes two semesters each of general chemistry, physics, organic chemistry, and biology. Designed for non-science majors. Financial aid is available.

Eligibility: Bachelor's degree, neither previously applied to medical school, nor taken the MCAT. Competitive undergraduate record. SAT or GRE scores, two letters of recommendation, personal statement.

Duration: One full calendar year. **Deadline:** Rolling admissions **Contact:** (800) 414-3437

Liza Thompson, Director Postbaccalaureate Premedical Program Goucher College 1021 Dulaney Valley Road Baltimore, MD 21204-2794

Harvard University Extension School

Health Careers Program
Description: Pursuit of
postbaccalaureate premedical
requirements in supportive setting.
Eligibility: Application with \$100 fee
and transcripts. Applicant sponsorship
based on grades in program.

Duration: Two years, part-time. **Deadline:** Rolling admissions **Contact:** (617) 495-2926

Dr. William Fixsen or Owen Peterson

Health Careers Program

Harvard University Extension School 51 Brattle Street

Cambridge, MA 02138

Immaculata College

Postbaccalaureate Program

Description: Offers a non-degree program of study for highly capable college graduates who wish to prepare for application to medical school or to graduate programs in allied health fields. Program is designed for students who did not complete courses required for admission to medical schools or to graduate programs in allied health fields.

Duration: One to two years. **Contact:** (610) 647-4400, ext. 3273 Dr. Susan Cronin, IHM, PhD. Immaculata College — Box 650

Immaculata, PA 19345



Michigan State University College of Human Medicine

Advanced Baccalaureate Learning Experience (ABLE) Program **Description:** Minimum 12 hours per semester. Select CHM medical basic science courses (minimum two per semester). Higher-level undergraduate science courses from college of Natural Science. Reading assessment, diagnostic tests; individualized program to strengthen needed skills. Note taking, study skills, time management, test-taking sessions. Admission to CHM for those who complete program according to criteria. If admitted to CHM, some stipend per day for HCOP eligible students.

Eligibility: Applicant to MSU-CHM placed in Hold category by admissions committee. Special letter, brief follow-up application to each candidate.

Duration: Thirteen months, includes two summers.

Deadline: No direct application. Must have applied to CHM.

Contact: (517) 355-2404 Wanda Lipscomb, PhD ABLE Program Director College of Human Medicine Michigan State University A254 Life Science Bldg. East Lansing, MI 44824-1317

New York University

Postbaccalaureate Program

Description: Designed for students with non-science backgrounds interested in pursuing a career in medicine. Part-time; no degree; oncampus housing not encouraged; not remedial or designed to enhance records for undergraduate. Minimum four-course completion for medical school letter of recommendation from NYU. Extensive evaluation process. Eligibility: 3.0 minimum GPA. Bachelor's degree from accredited

and other motivating factors. **Duration:** One to two years. **Deadline:** December 1, 2000, for Spring; May 1, 2001, for Summer;

August 1, 2001, for Fall **Contact:** (212) 998-8160 fax: (212) 995-4549 e-mail: prehealth@nyu.edu

school or foreign equivalent.

Transcripts, statement of purpose

explaining reasons for career change,

New York University College of Arts and Sciences Preprofessional Advisement Office 100 Washington Square East Rm. 901 Main Bldg. New York, NY 10003-6688

Ohio University College of Osteopathic Medicine

Postbaccalaureate Program

Description: Students complete upper level science courses and learning activities as defined in individual learning contracts. Each student will take courses in biochemistry, physiology, anatomy, and/or other biological sciences. Tutoring services and survival skills workshops will be available. Financial aid is available in the form of tuition waivers.

Eligibility: Students must have applied to the Ohio University College of Osteopathic Medicine and have been interviewed, completed a Bachelor's degree with minimum courses requirements for admission, taken the MCAT, and be a citizen or permanent resident of the United States.

Duration: Eleven months.
Contact: (740) 593-2365
fax: (740) 593-0892
Ava Willis, Director
Ohio University
College of Osteopathic Medicine
Grosvenor Hall
Athens, OH 45701

Pennsylvania State University Postbaccalaureate Premedical Programs

Description: Offers a 15-month Postbaccalaureate Premedical Certificate Program at the University Park campus. Program is for academically talented, highly motivated college graduates who do not have a science background but who now wish to prepare for admission to medical school or to dental, optometry, podiatry, veterinary, physical therapy or allied health schools. Schedules can be flexible — you may enroll as either a full-time or part-time student and attend either regular daytime or evening classes. In-state tuition \$258/credit, out-of-state tuition \$554/credit for Fall 1999.

Eligibility: Students with majors in areas other than a life science; minimum 3.0 GPA; SAT of 1100 or better.

Duration: 15-24 months. Program consists of 38 credits of prerequisite science courses that can be completed in two semesters and two summer sessions or in four semesters.

Deadline: Spring semester — October 15; Summer semester — April 15; Fall semester—June 15.

Contact: (800) 778-8632 e-mail: mxr22@psu.edu Mildred Rodriguez, PhD

Postbaccalaureate Premed Program

Director

Pennsylvania State University 213 Whitmore Laboratory University Park, PA 16802-6101

Rutgers, The State University of New Jersey University College — New Brunswick

Postbaccalaureate Prehealth Program

Description: Preparation for application to medical and other health professional schools in a supportive environment. Program also serves students who wish to improve their GPA. Students have an opportunity to take courses taught by distinguished New Brunswick faculty with undergrad students. Intensive MCAT preparation for April and August exams. Advising, counseling and health careers workshops.

Eligibility: Bachelor's degree in any field from an accredited institution with a minimum 3.0 GPA. Application with a \$50.00 fee and transcripts.

Duration: One to two years.

Deadline: Rolling admissions

Contact: (908) 932-7234

Dr. Victoria C. Ukachukwu

Director of Special Programs

University College — New Brunswick
35 University Avenue

Rutgers, The State University of New

Jersey

New Brunswick, NJ 08901

HCTP

Health Careers Training Program



Projects and Partners of HCTP

The Health Careers Training ♣ Program (HCTP), in conjunction with several key partners, is currently focusing on projects involving Psychiatric Technicians, Community Health Workers, and Certified Nurse Assistants. HCTP is working closely with the Community Colleges' Regional Health **Occupation Resource Centers** (RHORC) who share a common goal of addressing the current and future training and employment needs of California's health care industry.

The most current projects being addressed by the HCTP and RHORC are:

Psychiatric Technicians – HCTP is

currently working with Department of Developmental Services (DDS), Department of Mental Health (DMH) and the Department of Corrections to fill over 3,600 Psychiatric Technician job openings from now until the Year 2003. HCTP will be assisting DDS and DMH with the necessary training and recruitment efforts needed to fill these civil service positions throughout the State of California.

Community Heath Workers – Community Health Workers (CHW) act as a bridge between communities and the health and social service systems. California is the most diverse state in the nation, with 120 language groups in the city of Los Angeles alone. CHW's bridge the culture and language gap to connect diverse communities with health services.

Certified Nurse Assistants – According to the California Association of Health Facilities (CAHF), California's long-term

care facilities will need a total of 108,000 new direct caregivers between now and January 2003.

CAHF estimates that 90 percent of these jobs will be for certified Nurses Assistants (CNA).

Partners of HCTP who assist with the training and placement for the allied health care jobs, and contribute to the economic aspect of the projects are:

California Department of Community Services and Development (CSD) – CSD works closely with various state agencies to help develop and implement California's Welfare-to-Work Program, CalWORKS, and the Workforce Investment Act through Community Services Block Grants (CSBG) contributions. Stabilizing low-income individuals and families through CSD's contribution is a critical first step in transitioning low-income communities towards selfsufficiency.

One-Stop – Joint service centers established by employment training and social services agencies to increase the ease of use and efficient delivery of assistance programs.

CalWORKS – Job training program managed by the California Department of Social Services, and administered by County Welfare Directors.

Employment Development
Department (EDD) – California agency responsible for workforce training and unemployment programs.

(See *Projects*, on page 10)



As part of the Health Careers Training Program's attempt to provide you with information regarding allied health occupations, each issue will focus on at least one allied health profession and will include specific information regarding: job duties, working conditions, employment trends, salaries, entrance requirements, and advancement opportunities.

THE JOB

DENTAL ASSISTANTS are part of a tooth care team that includes dentists, dental hygienists, and other assistants. Dental Assistants get patients ready for an examination or treatment and make sure that patients are relaxed and comfortable. They check to see that all supplies, instruments, and equipment are ready. They help the dentist at the chairside by mixing compounds for fillings, handling a suction tool to keep the patient's mouth clear, and handing instruments to the dentist. Technical duties include instrument and room sterilization and inventory and care of equipment. Assistants may do lab work and teach patients about dental hygiene. Assistants who are certified in radiation safety can take dental X-rays.

Dental Assistants take impressions of teeth for diagnosis, remove stitches and dressings, and give fluoride treatments when working with the dentist.

Assistants may also do clerical duties such as making appointments, keeping case records, handling billing and payment, and handling patient dental insurance.

Dental Assistants



WORKING CONDITIONS

Dental Assistants work in medical offices. The examination room is quiet, brightly lit, and fairly comfortable if the assistant is sitting. Assistants may have to stand while helping the dentist at the chair, but modern methods now make it possible to do many chairside duties while seated.

A Dental Assistant's job is often stressful due to the nature of the work. Sometimes a patient's treatment can be painful, so Assistants must be able to comfort and calm down worried and frightened patients.

Assistants have to be careful to protect patients and themselves from infection. Assistants must wear safety eye glasses, rubber gloves, and masks over their mouths while working chairside.

EMPLOYMENT OUTLOOK

The Dental Assistant is one of California's top fifty fastest growth occupations.

The California Projections of Employment, published by the Labor Market Information Division of the Employment Development Department, estimates that the number of Dental Assistants in California will reach 39,050 by 2005, an increase in new jobs of 12,190 over the number there was in 1993.

There will also be an estimated 11,350 job openings due to people retiring or leaving the occupation. Added to the 12,190 new jobs expected, this makes for an estimated total of 23,540 job opportunities through 2005.

(These figures do not include self-employment nor openings due to turnover.)

ENTRANCE REQUIREMENTS AND TRAINING

Employers prefer applicants who have completed a Dental Assistant training program. Training can be gotten through community colleges and public and private adult vocational schools. Many high schools give this training through their Regional Occupational Program (ROP). The California Dental Assistants Association recommends a one or two year program approved by the Council on Dental Education of the American Dental Association.

H C T

The California Board of Dental Examiners tests and certifies Registered Dental Assistants (RDAs). RDA applicants must have graduated from an approved educational training program or done satisfactory work as a dental assistant for eighteen months and must pass the RDA written and performance test. RDAs must meet continuing educational requirements for renewal of their certification every two years.

Dental Assistant schools are responsible for radiation safety training; they also do the certifications needed for assistants to legally take dental X-rays.

Results from surveyed dentists show that certain skills are necessary for Dental

Assistants. These skills include knowledge of dental materials and procedures, recordkeeping, spoken and written communications skills, friendliness, and willingness to work closely with other dental team members. Dentists prefer to hire applicants who are eager to learn and show willingness to adapt to busy and fast work.

WAGES, HOURS, AND FRINGE BENEFITS

There is a very wide range in Dental Assistant wages, depending on education, experience, job duties and responsibilities, and location. Wages for beginners are between minimum wage and \$13.00 per hour. Assistants with some experience get \$6.00 to \$21.00 hourly. Assistants with three years or more with the same firm can earn from \$7.00 to \$23.00 per hour. RDAs usually get the highest wages.

Most Dental Assistants work day time hours and at least 36 hours a week. An estimated one in five hold part time jobs.

Almost all dentists offer paid health insurance, and many also pay for dental insurance.

Paid vacation and sick leave are benefits that almost all assistants can expect. Retirement plans and life insurance are provided by some

FINDING THE JOB

employers.

Dental Assistant jobs are found through dental assistant school placement services, personal references, applying to dental offices, and ads in newspapers. Applicants should also register with the California Employment Development Department.

Source: State of California, Employment Development Department, Labor Market Information Division, Information Services Group, (916) 262-2162.

For additional sources of information on Dental Assistants contact:

California Department of Consumer Affairs California Board of Dental Examiners 1432 Howe Avenue, Suite 85 Sacramento, CA 95825 (916) 263-2300 http://www.dca.ca.gov

California Dental Assistants Association 5100 North 6th #115-A Fresno, CA 93710 (209) 227-4220



Are there any allied health occupations you would like profiled in an upcoming issue of Health Pathways-HCTP? Do you have a suggestion or article contribution for the HCTP section of *Health Pathways*? We welcome your contributions. Mail us your ideas or articles today! Any announcements or information containing deadline dates must be submitted three months in advance. Please include your name, address, and telephone number on all correspondence. Health Professions Career Opportunity and Health Career Training Program retain the right to edit all materials. Contact us at:

HCTP

1600 Ninth Street, Rm. 440 Sacramento, CA 95814 (916) 653-0733 fax: (916) 654-3138

e-mail:

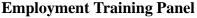
bvarner@oshpd.state.ca.us

(**Projects**, from page 7)

Workforce Investment Boards (WIBs) – Joint private/public sector organizations responsible for developing and funding employment training programs utilizing United States Department of Labor (USDOL) Workforce Investment Acts (WIA) funds.

Regional Health Occupation Resource Center (RHORC) -

Eight California Community College-based RHORCs coordinate educational programs for health care training and employment throughout the state.



(ETP) – A joint government/ business agency, ETP assists in retraining workers for high skill level, long-term jobs.

Source: HCTP 1999 Annual Report.













How HCTP is Unique

The Health Careers Training Program (HCTP), under the Office of Statewide Health Planning and Development (OSHPD) umbrella and within the Primary Care Resources and Community Development Division, is unique in its singular "industry focused" health workforce development program in the State of California Health and Human Services Agency.

The HCTP is flexible and uses an "open" approach in meeting new partners and including them in projects. Staff invites established partners as well as any new partners that have the potential to enhance the collaborative and contribute to employer needs.

HCTP staff researches an array of data, information, and statistics published by other state agencies, as well as legislation impacting business and industry, communities, and health care services. HCTP networks with all appropriate stakeholders, identifies funding, and brings all interested stakeholders together to establish a collaborative partnership. HCTP seeks to involve all partners' expertise to identify, recruit, train, and place individuals in allied health care industry jobs pre-identified by the HCTP staff.

Source: HCTP 1999 Annual Report

The Health Careers Training Program insert is published four times a year as part of the Health Pathways Newsletter to increase the amount of information pertaining to the medical field extended to our reader.

For more information regarding the articles in the HCTP insert contact:

Primary Care Resources and Community Development Division **Health Careers Training Program** 1600 9th Street, Room 440 Sacramento, CA 95814

Staff:

B. Glen Varner, Lead Coordinator Ph: (916) 653-0283 Fax: (916) 654-3138

e-mail: bvarner@oshpd.state.ca.us

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e-mail: rjacob@oshpd.state.ca.us

Editor: Andrea Alvarez

Southern Illinois University Carbondale (SIUC)

Medical/Dental Education Preparatory Program (MEDPREP)

Description: Assistance in admission to and preparing for medical/dental school; MCAT prep; enrichment in biology, chemistry, physics, math, reasoning in reading and writing, study skills; counseling. MEDPREP advisor helps develop academic plan tailored to needs, including university and

MEDPREP courses. Course credits; no degree given. Tuition rates as for SIUC; some tuition scholarships. Standard financial aid process (loans). No application fee for

Eligibility: 2.0 total GPA, 2.0 math/science GPA: U.S. citizen or permanent resident. All HCOP program participants must be from an educationally or economically disadvantaged background.

Duration: Two years (individualized). **Deadline:** February 1, 2001 for June 2001 entry.

Contact: (618) 536-6671 e-mail: Vfelts@siumed.edu www.som.siu.edu/medprep Vera Felts, Admissions Coordinator MEDPREP. School of Medicine Southern Illinois University Carbondale, IL 62901-4323

Townson University

Postbaccalaureate Premedical Program

Description: Not remedial. For the

outstanding preprofessional who has not submitted an application to medical/dental school or taken MCAT, DAT. Science courses for admission to U.S. medical, dental schools. Small classes, labs. Flexible curriculum. Eligibility: Non-science or science major; did not take courses for admission to preprofessional school; accredited bachelor's degree; preparing for admission to professional school; for medical school, minimum undergraduate 3.4 GPA; dental, minimum 3.0 GPA.

Duration: One year. Additional semesters optional.

Deadline: Rolling admissions. Final deadline is March 1, 2001. Contact: (410) 830-3042 fmilio@towson.edu Frank R. Milio, Professor and Director, **Pre-Professional Programs**

c/o Department of Biological Sciences Townson University Townson, MD 21252-0001

University of Connecticut (UCONN)

At Storrs/School of Medicine

Postbaccalaureate Program

Description: Program A: Designed for students who have little or no science preparation. Program B: Designed for students who have completed the

> college science prerequisites. A separate summer-to-summer Health Career Opportunity Program is linked to Program

Eligibility: Completed baccalaureate degree program from an accredited college or

university; admitted students usually have at least a B-/B+ average. For retention, must carry minimum 15 credits and maintain at least B+ average each semester.

Duration: Program A: two years. Program B: one year. Health Career Opportunity Program: summer-tosummer.

Deadline: Fall semester: June 15: Spring semester: November 1; Health Career Opportunity Program: May 1. Contact: (860) 679-3874

fax: (860) 679-1282 Keat Sanford, PhD, Director Postbaccalaureate Program UCONN Health Center, SOM 263 Farmington Avenue Farmington, CT 06030-1905

University of Miami Coral Gables

Postbaccalaureate Program **Description:** Program A: Career Changers. Program B: Completed premedical preparation. No degree given. Graduate and undergraduate courses. Individual advisement. Full

facilities and support services. Eligibility: Bachelor's degree; minimum undergraduate 3.3 GPA in junior, senior years. For retention, maintain 3.5 GPA with minimum 12 credits/semester.

Duration: Program A: one year plus one summer. Program B: one year. **Deadline:** Varies. Rolling admissions.

Contact: (305) 284-5176 Deborah Paris-Herbert, Director of

Premedical studies and Postbaccalaureate Program. University of Miami, Coral Gables College of Arts and Sciences P.O. Box 248004 Coral Gables, FL 33124

University of North Carolina, Greensboro

Premedical/Predental Postbaccalaureate Program

Description: Designed for students who did not take the required courses to enter medical or dental schools as undergraduates, but who have decided to make a career change. Prepares students to take the MCAT or the DAT. Program is for students with either no science background or just have a few courses to complete.

Duration: 12 months. Contact: (336) 256-0071 Robert E. Cannon, Chairman Premedical Advisory Committee Department of Biology P.O. Box 26174 **UNC** Greensboro Greensboro, NC 27402-6174

Wake Forest University School of Medicine

Postbaccalaureate Development

Program

Description: Two calculus courses, organic chemistry I and II, general physics I and II, three advanced biology courses. Study skills and problemsolving workshops. Tuition waived. Student responsible for own housing expenses.

Eligibility: Underrepresented minority/ disadvantaged students; accredited undergraduate degree; 2.5 GPA or higher; MCAT mean of 7 on verbal reasoning, physical science, biological science; N on writing sample.

Duration: One year. **Deadline:** February 15 Contact: (336) 716-4271 Catrina Goodwin Murphy Student Services/ Office of **Minority Affairs** Wake Forest University School of Medicine Medical Center Blvd. Wiston-Salem, NC 27157-1037



Year 2001 Summer Enrichment Programs

Summer Enrichment programs, offered through various organizations, colleges, and universities, provide students the opportunity to increase their chances for entry into medical, dental, or other health professional schools. Such programs may include introductory courses in math and the basic sciences to improve student knowledge in those areas needed to prepare the student for graduate work; scientific problem solving, and analytical skills development and test-taking strategies for standardized tests like the Medical College Admission Test; clinical preceptorships; and to do research in labs with experienced scientists. For more information regarding eligibility requirements, contact the school directly.

California Programs

American Heart Association, **Burlingame**

Student Research Program **Description:** Cardiovascular research in California labs with experienced scientists. \$4,000 stipend. No college credits.

Eligibility: Full-time California, Nevada, Utah college or university student or state resident.

Junior or senior status in Fall 2001 or students who graduate in December 2001 or later. Students must have completed a total of at least four semesters or six quarters of biology, physics, chemistry, and one quarter of calculus, statistics, computational methods or computer science. Transcripts and two letters of recommendation.

Duration: Ten weeks. Deadline: January 16, 2001 (request application by December 15, 2000)

Contact: (650) 259-6700 Research Department American Heart Association 1710 Gilbreth Road Burlingame, CA 94010

San Diego State University Collegiate Union for Health Related Education (CUHRE)

Description: Offers complete program of assistance to help you succeed in entering a professional school in your chosen profession: enrichment instruction in math and all premedical science coursework; student and health professional mentors; peer and professional advising. \$15.00 dues per semester. You must submit an

application; students are evaluated by an Advisory Board.

Eligibility: Acceptance at SDSU for the following or current semester; demonstrated potential and interest in

pursuing a degree in medicine, dentistry, veterinary medicine, or physician assistant; a high school or college science and overall 2.5 GPA or better; U.S. citizen or permanent resident. Contact: (619) 308-4242 Dr. Cynthia Lewis,

Advisor to CUHRE 10464 Clairemont Mesa Blvd. PMB #171 San Diego State University



San Jose State University **HCOP Summer Enrichment Program**

Description: Preparatory courses available for undergraduate students interested in an allied health profession. Meet with community health educators, health administrators, dieticians, and occupational therapists. Preparatory courses offered in biostatistics, health promotion, advanced physiology, technical writing, epidemiology, computer training, and survival skills. Eligibility: Must be admitted to San Jose State University for Fall 2000 and be a Sophomore or Junior.

Duration: June 18, 2001-July 27, 2001.

Deadline: April 3, 2001 Contact: (408) 924-2911

Herlisa Hamp **Program Coordinator** San Jose State University College of Applied Sciences and Arts One Washington Square San Jose, CA 95192-0049

School of Medicine Premedical Enrichment Program (PREP)

University of California,

Los Angeles

Description: Two Tier Program. Tier #1: Scientific problem solving, analytical skills development, small group problem-based learning, clinical preceptorships, research of patient case histories, self-development workshops, networking, counseling, medicalstudent mentoring. Stipend if 50+ miles. No tuition assistance or housing provided. Tier #2: MCAT preparation, scientific problem solving, analytical skills development, small group directed study, self-development workshops, counseling, medical-student mentoring. Stipend if 50+ miles. No tuition or housing provided.

Eligibility: Disadvantaged students. Tier # 1: One-year college chemistry or biology. 2.5 GPA minimum. Tier #2: Minimum one year college biology, chemistry, math (pref. calculus), two quarters/one semester physics, minimum 2.8 GPA in the sciences. Official transcripts; recommendation from science professor and premed advisor/employer; two-page essay on background, motivation for health career, what you anticipate accomplishing in PREP.

Duration: Eight weeks; June 26-August 18, 2001 (may start earlier).

Deadline: March 16, 2001 Contact: (310) 825-3575 Elizabeth Guerrero, MPH Director

UCLA PREP Office of Student Support Services 13-154 CHS Box 956990 UCLA School of Medicine

Los Angeles, CA 90095-6990 www.medstudent.ucla.edu/osss

University of Southern California School of Medicine

HePP — Consortium for Health Professional Preparation

Description: Year I: College chemistry, biology, introduction to mathematics or calculus. Year II: Physics, organic chemistry, calculus. Year III: Clinicals, writing, medical ethics, MCAT preparation. Invited speakers discuss disciplines, Q&A sessions. Housing and meals provided.

Eligibility: For Year 1, graduation from high school prior to admission. Must be first-year freshmen student accepted to four-year program. Advancement to Year II upon successful completion of Year I. Continuation contingent upon satisfactory progress.

Duration: Six weeks.
Contact: (323) 442-1050
e-mail: aalexand@hsc.usc.edu
Althea Alexander, Asst. Dean
Minority Student Affairs
Office of Diversity
1333 San Pablo Street
MCH 51-C

Los Angeles, CA 90089-9152

Out of State Programs



Baylor College of Medicine/ Rice University Houston, Texas

Honors Premedical Academy
Description: Participate in clinic/lab,
communications course, gross anatomy.
Eligibility: One year college (qualified
postbaccalaureate applicants also
eligible); U.S. citizen or permanent

resident: 3.0 GPA overall, 2.75 GPA in sciences; SAT at least 950 or ACT at least 20.

Duration: Six weeks.
Deadline: April 3, 2001
Contact: (800) 798-8244
e-mail: mmep@bcm.tmc.edu

e-mail: mmep@ocm.tmc.edu Elizabeth Lopez, Program Coordinator Center for Educational Outreach Baylor College of Medicine 1709 Dryden, Suite 519 Houston, TX 77030

East Carolina University

Summer Program for Future Doctors
Description: Program offers an
academic curriculum of medical studies
that include cardiovascular sciences,
biochemistry, neuro science, learning
skills, and introduction to the medical
environment. Exposes students to the
style, format, and content of the
Medical College Admissions Test
(MCAT). Students receive learning
opportunities to witness medicine in
action, observe procedures, and
develop relationships with staff at
primary care sites within the
community.

Eligibility: Open to disadvantaged, nontraditional, and minority students who have completed biology, chemistry, and physics. Must be a resident of North Carolina.

Duration: Eight-week summer session.

Deadline: March 11, 2001 **Contact:** (919) 816-2500

Academic Support and Counseling Ctr. Brody School of Medicine at East

Carolina University Brody Medical Sciences Building 2N45

Greenville, NC 27858-4354

Harvard Medical School

Summer Honors Undergraduate Research Program

Description: Summer Research program. Lab research in variety of topics supplemented with student research discussion seminars, career development series. Housing, travel to program, health insurance, min \$1000/month stipend, and two meals/week. Eligibility: U.S. citizen or permanent visa status; entering junior or senior year in college; previous research experience; personal statement of science interest and goals; two letters of recommendation; transcript; one page application form.

Duration: Ten weeks; mid-June to mid-August.

Deadline: February 1, 2001 **Contact:** (617) 432-4980 or

(800) 367-9019 #2

e-mail: Shurp@hms.harvard.edu website: www.hms.harvard.edu/dms/

diversity

Jocelyn Spragg, PhD, EdM, Faculty Director, Minority Programs or Mara Edmondson, Staff Assistant Division of Medical Science Harvard Medical School 260 Longwood Avenue, Rm. 435 Boston, MA 02115

Marquette University School of Dentistry/Physical Therapy Program

Summer Science Enrichment Program

Description: The Health Careers Opportunity Program (HCOP) offers three summer programs. The Summer Science Enrichment Program I (SSEP I) for high school students interested in physical therapy; the Summer Science Enrichment Program II (SSEP II) for college students interested in dentistry and physical therapy; and the Pre-Enrollment Support Program (PESP) for the incoming dental students and graduate physical therapy students. All of these programs offer students courses in dental science, physical therapy, biology, chemistry, ACT/SAT review (SSEP I), and DAT review (for dental SSEP II students) as well as the opportunity to interact with students and practitioners in dentistry and physical therapy. Housing and transportation to and from Marquette University are provided at no cost to the student.

Eligibility: All students must be financially or educationally disadvantaged.

SSEP I: Must be a rising high school senior with a minimum GPA of 2.75 and have completed two classes of biology and/or chemistry.

SSEP II: All students must be returning to undergraduate school in the fall. Physical Therapy: Non-Marquette University Students must have a minimum 3.0 GPA and be rising undergraduate seniors with one semester of biology, two semesters of chemistry and physics, two semesters of English and literature (fiction, poetry, etc.), two semesters of history, one semester of psychology, statistics and sociology or anthropology. Dental: Must be rising undergraduate sophomore, junior and senior with a minimum GPA of 2.5 and have completed two semesters of biology and chemistry.

PESP:

Physical Therapy: Students must apply to physical therapy graduate program. Dental: Students must be accepted to Marquette University School of Dentistry. **Duration:** Six to eight weeks.

Deadline: Physical therapy: SSEP I, March 16, 2001; SSEP II/PESP, May 1,

2001

Dental: March 16, 2001

Contact:

Dental: (414) 288-1533 or (800) 445-5385, ext. 2 Office of Multicultural Affairs Marquette University School of Dentistry, RM. 145 P.O. Box 1881 Milwaukee, WI 53201-1881

Multi@Marquette.edu
Physical Therapy: (414)

288-5505

Marquette University
Physical Therapy Program
Health Careers Opportunity Program
Schroeder Complex, Room 349
P.O. Box 1881

Milwaukee, WI 53201-1881 Manuel.Santiago@Marquette.edu

Medical College of Georgia Student Educational Enrichment Program

Description: All students will study a biomedical science course for four hours credit; attend a learning skills seminar; and take courses in MCAT review, analytical reading, and medical writing. Each student receives a biweekly stipend for living expenses and the program pays tuition and campus housing fees. Upon successful completion of the program, the student will receive an additional stipend. There is no travel allowance.

Eligibility: Designed for two levels of college students who are interested in the health professions. Students in the intermediate group should have finished their freshman or sophomore year. Those in the advanced group should have finished their junior or senior year and be planning to apply to medical, dental, or graduate school or an allied health program. Preference given to Georgia residents.

Duration: Seven weeks during the months of June and July 2001.

Contact: (706) 721-2522 fax: (706) 721-8203

e-mail: wsykes@mail.mcg.edu
Office of Special Academic Programs
School of Medicine, AA-153
Augusta, GA 30912-1900

New York University Medical Center

Minority Undergraduate Summer Research Program

Description: Nine week multifaceted program includes clinical and biomedical hands-on research. Participants receive a \$2,500 stipend, round-trip transportation to program, and student dormitory housing.

Eligibility: Competitive, mature, highly motivated, well-qualified undergraduates with a strong interest in medicine or research, that have completed their sophomore or junior year. Applicants must have a strong academic record, and have taken courses in chemistry,

biology, and mathematics. Students of diverse backgrounds are encouraged to apply

Duration: Nine weeks. **Contact:** (212) 263-8949 Margaret Haynes, EdD, MPH

Associate Dean New York University School of Medicine

Office of Minority Affairs and Student

Services

550 First Ave., LH room 4-34-0

New York, NY 10016

Texas A&M University College of Medicine

Bridge to Medicine Summer Program for Disadvantaged College Students
Description: Intensive study in basic sciences, reading, writing, study skills. Learn test-taking skills for MCAT. MCAT prep course, diagnostic, full length mock exam. Clinical preceptorships, counseling, mock interviews, learning strategies workshop, medical lectures, others. Meals, lodging. Provide own transportation.

Eligibility: U.S. citizen, permanent resident, 2.8 GPA, at least 60 hours undergraduate coursework, including general biology with lab (eight hours), organic chemistry with lab (eight hours), math (three hours), English (three hours).

Duration: Eight week, June/August 2001

Deadline: March 2001 **Contact:** (979) 862-4065

Thomas Bosquez, Program Director Texas A&M University System Health Science Center College of Medicine Office of Special Programs 104 Reynolds Medical Building College Station, TX 77843-1114

Tufts University

Sackler School of Graduate Biomedical Sciences Summer Research Program for

Undergraduate Minority Students
Description: Laboratory research in the biomedical sciences, scientific seminars, field trips, a research symposium, workshops on medical school and graduate school admission. Stipend support, housing, and travel money available.

Eligibility: U.S. citizen or permanent resident, interest in biomedical research. Transcript, letters of recommendation, and application form required.

Duration: Ten to twelve weeks. **Deadline:** March 1, 2001 **Contact:** (617) 636-0995 e-mail: cathy.samson@tufts.edu

Cathy Samson

Sackler School of Graduate Biomedical

Sciences

136 Harrison Avenue Boston, MA 02111

University of Iowa College of Medicine

Summer Enrichment Program

Description: Introduction to medical curriculum and provision for personal and career development. Students receive instruction in the basic sciences and exposure to medical school study and test-taking strategies. No tuition is charged for the summer program. A University grant covers living expenses and books.

Eligibility: Open to all students entering the University of Iowa College of Medicine. Limit enrollment.

Duration: Eight weeks. **Deadline:** May 1, 2001 **Contact:** (319) 335-8057

Barbara Barlow

Associate for Student Affairs University of Iowa College of Medicine 124 Medicine Admin. Bldg. Iowa City, IA 52242-1101

University of Massachusetts Medical Center

Summer Enrichment Program (SEP)
Description: Daily seminars on health issues; study skills, time management, test-taking skills. Sessions on MCAT, application process, AMCAS, financing medical education. Dorm housing required and provided. Stipend.
Eligibility: Underrepresented and economically disadvantaged, minimum

eight hours of organic chemistry and 30 hours college curriculum.

Massachusetts state resident, and/or

attending a college/university in Massachusetts at time of application. **Duration:** Four weeks — residential.

Deadline: March 1, 2001 **Contact:** (508) 856-2707; toll free (877) 395-3149 fax: (508) 856-6540

e-mail: isabel.feliciano@umassmed.edu

Isabel Feliciano, BA, BS Program Director University of Massachusetts Medical School Office of Outreach Programs 55 Lake Ave., N.

Worcester, MA 01655

University of Michigan School of Public Health

Summer Enrichment Program in Health Administration

Description: Paid internship (professional health administration position) in southeastern Michigan health care organization. Field visits to health care agencies, lectures, GRE/GMAT preparation course. Travel expenses; summer housing for students from outside Detroit/Ann Arbor area.

Eligibility: Students entering junior, senior college year; interest in health administration, health policy; 2.8 GPA or above.

Duration: Eight weeks. **Deadline:** March 5, 2001 **Contact:** (734) 936-3296 e-mail: UM_SEP@umich.edu Carmen Harrison, MA

Richard Lichtenstien, PhD Department of Health Management and

Policy

School of Public Health II University of Michigan Ann Arbor, MI 48109-2029

University of Pittsburgh School of Medicine

Summer Premedical Academic Enrichment program

Description: Level 1: Designed for entering college freshmen or rising sophomores, for strengthening academic skills and building motivation. Program courses enhance learning in science, writing skills, and public speaking. Provide opportunities to interact regularly with doctors and medical students who have background and educational experience similar to their own.

Level 2: Designed for college junior or senior students who are interested in a medical career. The program gives college students experience in a research and hospital environment and helps students become more competitive candidates for medical school by offering training for standardized tests and interview situations.

Eligibility: Students interested in a medical career. Completed application (call for application), two letters for recommendation, essay indicating reason for seeking the position, and official transcript.

Duration: Seven weeks during June/

July, 2001.

Deadline: March 1, 2001 **Contact:** (412) 648-8987

Paula K. Davis

Assistant Dean of Minority Affairs

M-247 Scaife Hall University of Pittsburgh School of Medicine Pittsburgh, PA 15261

University of Rochester School of Medicine & Dentistry

Summer Research Fellowship (SURF)
Program

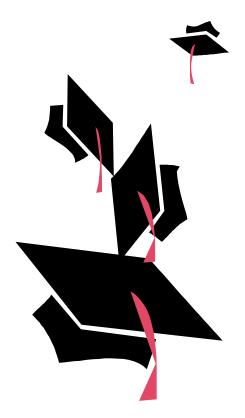
Description: Research experiences with a faculty member engaged in ongoing research. Weekly seminars, workshops, and opportunities for observation of clinical activities. Stipend \$250/week. Free university

housing for participants.

Eligibility: Completed at least two years of college. All applicants must have academic introduction to their scientific field of interest.

Duration: June/August, 2001. **Contact:** (716) 275-2175

Director, Ethnic & Multicultural Affairs University of Rochester School of Medicine and Dentistry 601 Elmwood Ave., Box 601 Rochester, NY 14642



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